

ABSTRACT

In a process for the production of urea, substantially pure ammonia and carbon dioxide are reacted in a reaction space (1) from which comes out a reaction mixture subjected to 5 stripping (2) to obtain a partially purified mixture sent to a urea recovery section (3, 4, 7, 8). From the recovery section (3, 4, 7, 8) it is obtained a dilute carbamate solution, which is subjected to stripping (9) with recycling of vapors to the reaction space (1) after 10 condensation (6). This process achieves high conversion yield with reduced energy consumption and low implementation costs.